SERIAL NO.: 10/037,480 DOCKET NO: 56822 (47126)

APPLICANT: G. CEVC et al. INFORMATION DISCLOSURE

FILING DATE: STATEMENT GROUP NO. January 4, 2002 1723

## UNITED STATES PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AF	AA	4,954,345	09/04/90	Miller			
AF	AB	4,937,078	06/26/90	Mezei, et al.			
AF	AC	4,921,706	05/01/90	Roberts, et al.			
AF	AD	4,911,928	03/27/90	Wallach			
- AF	ΑE	6,165,500	12/26/2000	G. CEVC	V	V	

## FOREIGN PATENT DOCUMENTS

•		DOCUMENT					TRANSLATION
		NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES/NO
AF	BA	WO 98/17255	04/30/98	PCT			
	вв	WO 98/30215	07/16/98	PCT			
	ВС	WO 92/03122	03/05/92	PCT			
	BD	WO 00/24377	05/04/00	PCT			
	BE	WO 0 0/12060	03/09/00	PCT			
	BF	WO 98/33483	08/06/98	PCT			
	BG	WO 88/07362	10/06/88	PCT			
	ВН	WO 00/38653	07/06/00	PCT			
	BI	WO 98/06750	02/19/98	PCT			
,	BJ	WO 91/04013	04/04/91	PCT			
,	ВК	WO 92/05771	04/16/92	PCT			
V	BL	WO 93/19736	10/14/93	PCT			
AF	ВМ	WO 93/19737	10/14/93	PCT	V	V	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO		
•				OTHER DOCUMENTS					
AF	CA	G. CEVC et al.,' biological actibi	Transfersome ty of corticost	es-mediated transepiderma teroids in vivo, <i>Journal of</i> (	l delivery in Controlled R	nproves the re Pelease 45 (199	gio-specificity and 97) 211-226.		
	СВ	V.M. KNEP P et al. CONTROLLED DRUG RELEASE FROM A NOVEL LIPOSOMAL DELIVERY SYSTEM II. TRANSDERMAL DELIVERY CHARACTERISTICS", Journal of Controlled Release 12 (1990) March, No. 1, Amsterdam, NL, pp. 25-30.							
	СС	C.E. Price, "A REVIEW OF THE F ACTORS INFLUENCING THE PENETRATION OF PESTICIDES THROUGH PLANT LEAVES" on I.C.I. Ltd., Plant Protection Division, Jealott's Hill Research Station Bracknell, Berkshire RG12 6EY, U.K., pp. 237-252.							
	CD	K. Karzel and R. K. Liedtke, "MECHANISMEN TRANSKUTANER RESORPTION" on Grandlagen/Basics, pp. 1487-1491.							
	CE		Micha el Mezei, "LIPOSOMES AS A SKIN DRUG DELIVERY SYSTEM" 1985 Elsevier Science Publishers B.V. (Biomedical Division), pp. 345-358.						
	CF	Adrienn Gesztes and Michael Mezei, "TOPICAL ANESTHESIA OF THE SKIN BY LIPOSOME- ENCAPSULATED TETRACAINE" on Anesth Analg 1988; 67: pp. 1079-81.							
	ÇG	A. Helenius, et al, "SOLUBILIZATION OF MEMBRANES BY DETERGENTS", Biochimica et Biophysica Acta, 415 (1975) 29-79.							
	СН	Phillip G. Green, et al., "IN VITRO AND IN VIVO ENHANCEMENT OF SKIN PERMEATION WITH OLEIC AND LAURIC ACIDS" on International Journal of Pharmaceutics, 48 (1988), pp. 103-111.							
	CI	Guia M. Golden et al. "ROLE OF STRATUM CORNEUM LIPID FLUIDITY IN TRANSDERMAL DRUG FLUX" on Journal of Pharmaceutical Sciences Vol. 76, No. 1, January 1987, American Pharmaceutical Association, pp. 25-28.							
AF	င္သ	IN VITRO USING	G FATTY ACII	ANCEMENT OF NALOXON DS, FATTY ALCOHOLS, SU Pharmaceutics, 33 (1986) p	JRFACTANT	rs, sulfoxid			
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		DOCUMENT					TRANSLATION		
		NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES/NO		
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				OTHER DOCUMENTS					
AF 	СК	Ronal d R. Burnette et al., "CHARACTERIZATION OF THE PERMSELECTIVE PROPERTIES OF EXCISED HUMAN SKIN DURING LONTOPHORESIS" on Journal of Pharmaceutical Sciences Vol. 76, No. 10, October 1987, American Pharmaceutical Association, pp. 765-773.							
	CL	E.C. Katoulis et al., "EFFICACY OF A NEW NEEDELESS INSULIN DELIVERY SYSTEM MONITORING OF BLOOD GLUCOSE FLUCTUATIONS AND FREE INSULIN LEVELS" on International Journal of Artificial Organs Vol. 12, No. 5, 1989, pp. 333-338.							
	СМ		Ovals Siddiqui et al., "NONPARENTERAL ADMINISTRATION OF PEPTIDE AND PROTEIN DRUGS" on CRC Critical Reviews in Therapeutic Drug Carrier Systems, Volume 3, Issue 3, pp. 195-208.						
	CN	Cevc, G. et al., "Ul traflexible vesicles, Transfersomes, have an extremely low pore penetration resistance and transport therapeutic amounts of insulin across the intact mammalian skin", Biochimica et Biophysica Acta. 1368 pp. 201-215 (1998).							
	со	Cevc, G. "Material Transport Across Permeability Barriers by Means of Lipid Vesicles", Handbook of Biological Physics, Vol. 1, pp. 465-490 (1995).							
	СР	Mayer, L.D. et al., "Vesicles of variables sizes produced by a rapid extrusion procedure", Biochimica et Biophysica Acta, 858 pp. 161-165 (1986).							
	CQ	Patel, H.M. et al., "ORAL ADMINISTRATION OF INSULIN BY ENCAPSULATION WITHIN LIPOSOMES", FEBS LETTERS, 62(1):60-63 (February 1976).							
	CR	Schreier, H. "Lipos omes – A Novel Drug Carrier, I. Phospholipids; Production and Characterization of Liposomes; II. Destiny of liposomes in vivo; use in therapy", Pharmazie in unserer Zeit, No. 4 (1982).							
V	cs	Beyer, C. et al.,	"Micro Emul	sions" Pharmazie in unser	er Zeit, No.	2 (1983).			
AF	СТ	Lichtenberg, D. et al., "SOLUBILIZATION OF PHOSPHOLIPIDS BY DETERGENTS STRUCTURAL AND KINETIC ASPECTS" Biochimica et Biophysica Acta, 737 pp. 285-304 (1983).							
EXAMINE	₹:		/Ana Fortu	na/ (09/17/2006)		CV 09/1	7/2006		
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DOCKET NO: SERIAL NO.: 56822 (47126) 10/037,480 APPLICANT: G. CEVC et al. INFORMATION DISCLOSURE GROUP NO. STATEMENT FILING DATE: January 4, 2002 1723 UNITED STATES PATENT DOCUMENTS EXAM. DOCUMENT FILING DATE INITIALS NUMBER DATE NAME **CLASS** SUBCLASS IF APPROPRIATE FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION NUMBER DATE COUNTRY **CLASS SUBCLASS** YES/NO OTHER DOCUMENTS CU Lasch, J. et al., "Interactions of external lipids (lipids vesicles) with the skin" Journal of Liposome AF Research 5(3) pp. 543-569 (1995). Berger, M. "Oral Insulin 1922-1992: The History of Continuous Ambition and Failure" Heinrich-Heine-University, Dusseldorf, Germany Cevc. G. et al., "The skin: a pathway for systemic treatment with patches and lipid-based agent carriers" Advanced Drug Delivery Reviews 18 pp. 349-378 (1996). CX M.L. Jacks on, et al. "SOLUBILIZATION OF PHOSPHATIDYLCHOLINE BILAYERS BY OCTYL GLUCOSIDE", biochemistry 1982, 21, 4576-4582. CY P. Vinson, et al. "VESICLE-MICELLE TRANSITION OF PHOSPHATIDYLCHOLINE AND OCTYL GLUCOSIDE ELUCIDATED BY CRYO-TRANSMISSION ELE TRON MICROSCOPY", Biophys. J., Biophysical Society Volume 56 October 1989 669-681. CZ K. Edwards, et al. "EFFECTS OF TRITON X-100 ON SONICATED LECITHIN VESICLES", Langmuir, Vol. 5, No. 2, 1989 pp. 473-478

EA A. Brendzel, et al., "EFFECTS OF LIPID-SOLUBLE SUBSTANCES ON THE THERMOTROPIC

EB G. Blu me, et al. "DRUG-CARRIER AND STABILITY PROPERTIES OF THE LONG-LIVED LIPID

PROPERTIES OF LIPOSOME FILTRATION", Biochimica et Biophysica Acta, 601 (1980) 260-270.

VESICLES, CRYPTOSOMES, IN VITRO AND IN VIVO", Journal of Liposome Research, 2(3), 355-

AF EXAMINER:

368 (1992).

/Ana Fortuna/ (09/17/2006)

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